REPLACEMENT SHEET

TIME

4B

4A

4

4

4

FIG. 1
(PRIOR ART)
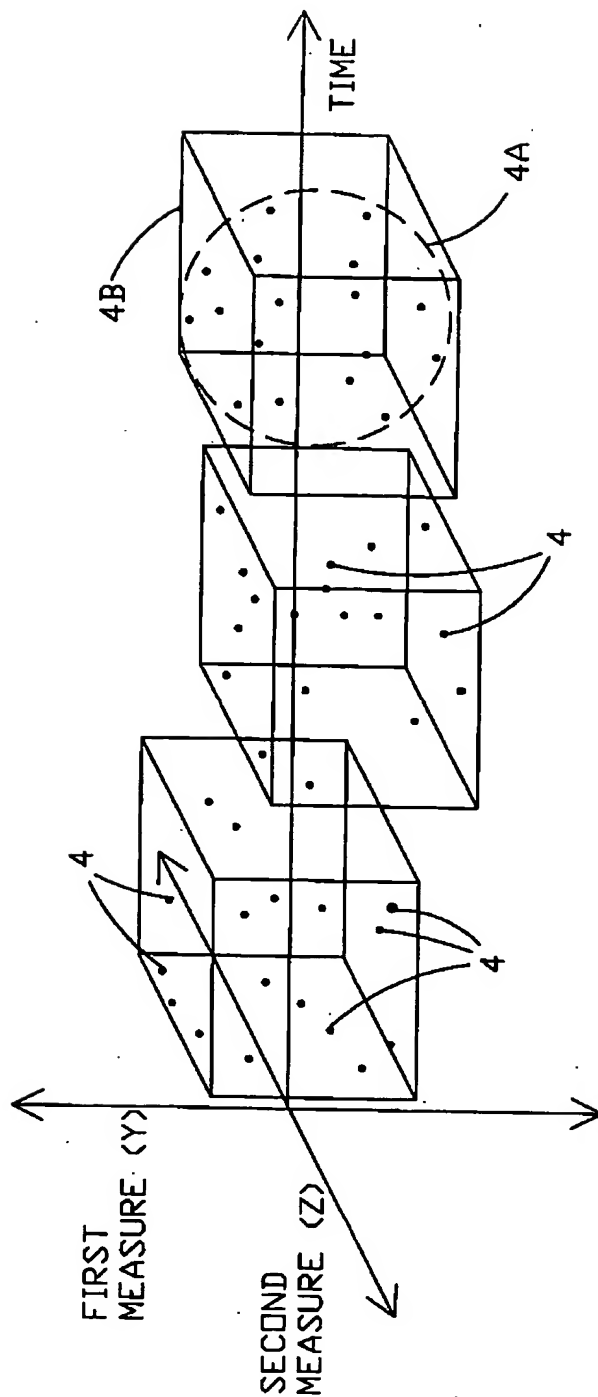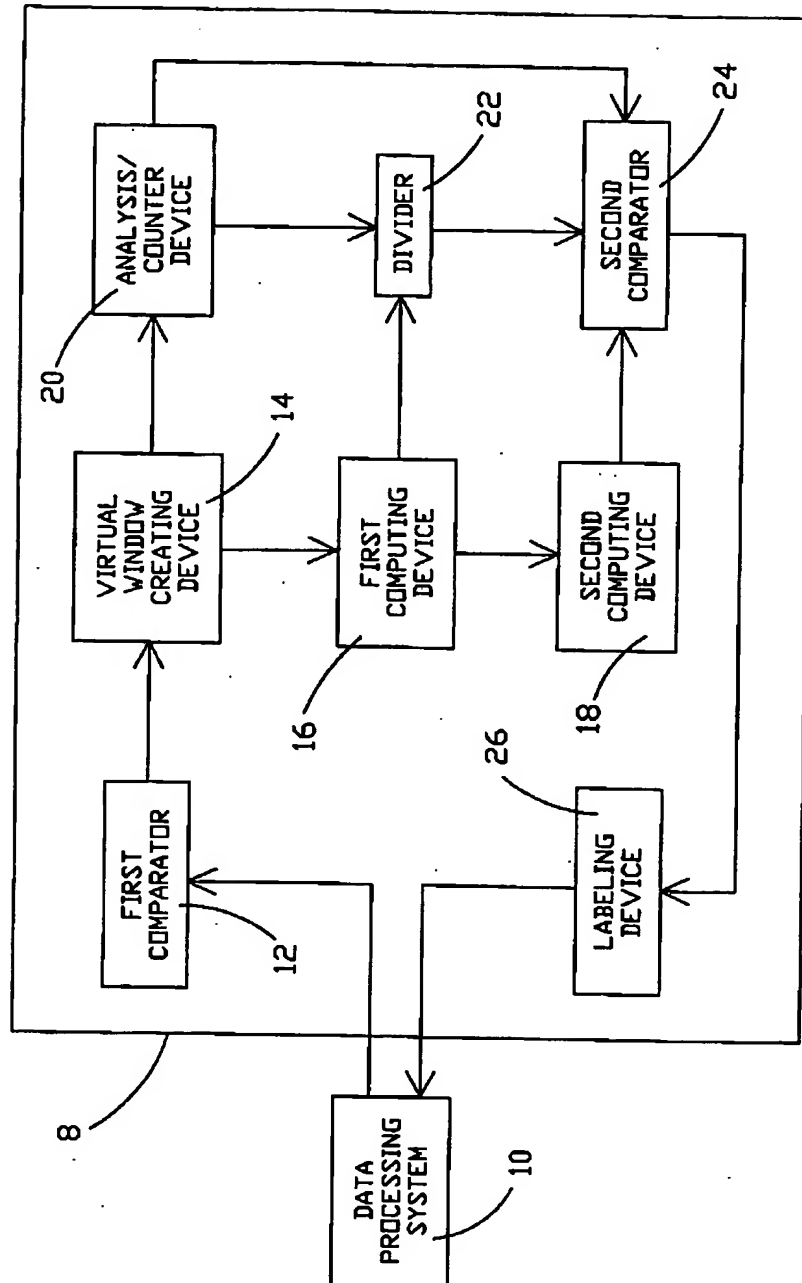
FIRST
MEASURE (Y)

SECOND
MEASURE (Z)

REPLACEMENT SHEET

FIG. 2
(PRIOR ART)

REPLACEMENT SHEET

FIG. 4
(PRIOR ART)

REPLACEMENT SHEET

BINOMIAL TABLE FOR $k=30$, $\theta=.632$, $\alpha=.01$

$$P(M=m) = \binom{k}{m}\theta^{m}(1-\theta)^{k-m} \qquad P(M\le m)=\sum_{0}^{m} P(M=m) \quad \text{(CUMULATIVE)} \qquad P(M\ge m)$$

m	$P(M=m)$	$P(M\le m)$	$P(M\ge m)$
0	0	0	
1	0	0	
2	0	0	
3	0	0	
4	0	0	
5	0	0	
6	0	0	
7	0	0	
8	0	0	
9	.00002	.00005	
10	.00063	.00068	
11	.00197	.00265 (m_1), $P(M\le m)\le\alpha_0/2$	
12	.00536	.00801	
13	.0334	.0551	
14	.02661	.04738	
15	DATA NOT SHOWN FOR m=15 to 24		
°			
°			
24			
25	.01005	.98560	.03878
26	.00332	.99566	.01440
27	.00085	.99898 (m_2)	.00435, $P(M\ge m)\le\alpha_0/2$
28	.00016	.99982	.00103
29	.00002	.99998	.00018
m=k=30	0	1.0	.0002

FIG. 5
(PRIOR ART)

REPLACEMENT SHEET

FIG. 3

```
100  BEGIN
        │
        ▼
10 ────▶
102  READ SAMPLE SIZE, N
        │
        ▼
104  MEASURE AMPLITUDE
        │
        ▼
106  MEASURE AREA
        │
        ▼
108  K-PARTITION MODULE
        │
        ▼
110  FALSE ALARM, α
        │
        ▼
112  RANDOMNESS COUNT, Θ
        │
        ▼
114  COMPUTE B(m,k, Θ) TABLE
```

```
122a
116  M₁, LOWER BOUND
        │
        ▼
118  M₂, UPPER BOUND
        │
        ▼
120  CRITICAL REGION
        │
        ▼
122  MEASURE M
        │
        ▼
123  R TEST
        │
        ▼
124  DECISION LOGIC MODULE
        │
        ▼
126  CONCLUSION ON DISTRIBUTION
        │
        ▼
128  BEGIN ───▶ 10
127
```